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          350      360      370      380      390      400
          430      440      450      460      470      480
SmW_R_ORF.dn CAGCTCGTCACGTGCGGCACCTTCGCTTTTGATCCGAAGTGCGGGGTTATTGATGTGTCC
          ::::::::::::::::::::
SmW_H_ORF.dn CACCTCCTCACTTGTGGCACCTTCGCTTTTGATCCGAAGTGCGGGGTTATTGATGTGTCC
          410      420      430      440      450      460
          490      500      510      520      530      540
SmW_R_ORF.dn AGTTTCAGCAGGTTGAAAGACTTGAGAGCGGCCGGGGAATGTCTTTTGAGCCAGCT
          ::::::::::::::::::::
SmW_H_ORF.dn AGTTTCAGCAGGTTGAAAGACTTGAGAGTGGCGGGGGAATGTCTTTTGAGCCAGCT
          470      480      490      500      510      520
          550      560      570      580      590      600
SmW_R_ORF.dn CAACGGTCAGCAGCTGTAAATGGCTGGGGGCGCTCTACACGCCACTGTGAAAGAACTTC
          ::::::::::::::::::::
SmW_H_ORF.dn CAGCGGTCAGCAGCTGTAAATGGCTGGGGGCGCTCTATGCTGCCACTGTGAAAACTAC
          530      540      550      560      570      580
          610      620      630      640      650      660
SmW_R_ORF.dn CTGGGACTGAGCCCATCATCTCCGAGCTGTGGGTGAGCTGAGGACTGGATTGGAACA
          ::::::::::::::::::::
SmW_H_ORF.dn CTGGGGACGGAGCCAATTATCACCAGAGCAGTGGGTGCTGCCGAGGACTGGATTGGAACA
          590      600      610      620      630      640
          670      680      690      700      710      720
SmW_R_ORF.dn GAGAGCTTGTATCCTGGCTTAATGCTCCAGCCTTTGTGCGAGCTATGTCCTGAGCCCA
          ::::::::::::::::::::
SmW_H_ORF.dn GATAGCTTGCCTTCTGGCTGAACGCCCCAGCCTTTGTGCGAGCCTGGCCTTGAGCCCA
          650      660      670      680      690      700
          730      740      750      760      770      780
SmW_R_ORF.dn GCTGAGTGGGGGATGAAGATGGAGACGATGAATCTTTTTTTCTTCACGGAGACCTCC
          ::::::::::::::::::::
SmW_H_ORF.dn GCCGAATGGGGGATGAAGATGGAGACGACGAATCTACTTCTTCTTACGGAGACTTCC
          710      720      730      740      750      760
          790      800      810      820      830      840
SmW_R_ORF.dn CGAGTGTGGACTCCTATGAGCGCATCAAGGTCCCAAGAGTGGCCGAGTGTGTGGGGG
          ::::::::::::::::::::
SmW_H_ORF.dn CGAGCATTTGACTCATACGAGCGCATTAAAGTCCACGGGTGGCCGAGTGTGTGTGGGGG
          770      780      790      800      810      820

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2270            2280            2290            2300            2310